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DPD 7364-59
4 November 1979

MEMORANDUM FOR: Chief, Material Branch, DPD-DD/P

SUBJECT : Request for Material

1. It is requested that action be initiated to procure replacement power transformers for all System III and System VI ELINT equipment in the Project. This requirement is generated by the fact that the A.C. generator system used with the J-75 engine is not capable of maintaining the 400 cycle frequency to the accuracy required by the transformers presently used in the equipment.
2. The requirements for System III are 11 transformers for equipment replacement plus 2 each in B & C FAK and 2 in Depot stocks. The total is thus 17. The specific item is T-90L, MP-58053.
3. The requirements for System VI are 28 transformers for equipment replacement plus 2 each in B & C FAK and 3 in Depot stocks for a total of 35. The specific item is T-150L, MP-11809.
4. The above transformers should be designed for operation over the frequency range of 315 to 440 cycles. These limits are determined by taking 10% off the lower estimated frequency of 350 cycles, and by adding 10% to the nominal frequency of 400 cycles.
5. A rough estimate of costs is about \$50 per transformer for a total expenditure of approximately \$2600. It is desired that the replacement be handled as a modification kit from the contractor.
6. This request is considered to be extremely urgent due to the fact that at present there is absolutely no ELINT capability on the J-75 articles and, under present power generator configurations, there will be no capability until the above modification is completed.

SIGNED

Chief, Communications Section
DPD-DD/P

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